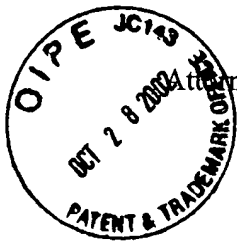


#19



Attorney's Docket No. 5577-115CX

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Nguyen et al.

Serial No.: 09/207,945

Filed: December 9, 1998

For: SYSTEMS, METHODS AND COMPUTER PROGRAM PRODUCTS FOR
ASSOCIATING DYNAMICALLY GENERATED WEB PAGE CONTENT
WITH WEB SITE VISITORS

Group Art Unit: 2176

Examiner: Huynh, Thu V.

Commissioner for Patents
Washington, DC 20231

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OCT 30 2002

Technology Center 2100

DECLARATION OF BINH Q. NGUYEN UNDER 37 C.F.R. § 1.131

I, Binh Q. Nguyen hereby declare and say as follows:

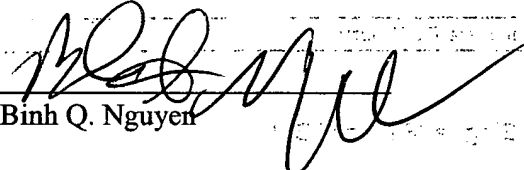
1. I am named as a co-inventor in the above-referenced patent application (U.S. Patent Application Serial No. 09/207,945, filed on December 9, 1998).

2. Prior to June 7, 1998, the other co-inventor, Sandeep K. Singhal, and I conceived the subject matter of Claims 1-4, 6-13, 15-17, 19-23, 25-32, 34-36, 38-42, 44-51, 53-55 and 57 of the above-referenced patent application and proceeded diligently with the preparation and filing of the above-referenced patent application.

3. Submitted herewith is a copy of Invention Disclosure RSW8-1998-0144, which I co-authored with co-inventor Sandeep K. Singhal, and that describes the subject matter of Claims 1-4, 6-13, 15-17, 19-23, 25-32, 34-36, 38-42, 44-51, 53-55 and 57 of the above-referenced patent application. On page 2 of the subject Invention Disclosure, it is stated that the invention was "workable" on June 7, 1998. The term "workable" is defined as when it is known by the inventors that the invention will solve the problem stated in the invention disclosure. This Invention Disclosure clearly demonstrates that the subject matter of Claims 1-4, 6-13, 15-17, 19-23, 25-32, 34-36, 38-42, 44-51, 53-55 and 57 was conceived by us prior to June 7, 1998.

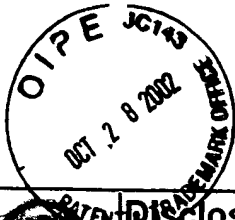
4. I and co-inventor Sandeep K. Singhal participated in the preparation of the above-referenced patent application that describes, illustrates, and claims the invention set forth in the subject Invention Disclosure.

5. I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.


Binh Q. Nguyen

Date

09/03/2003



CR8-98-0144 #19

	Disclosure RSW8-1998-0144
	Created By: Sandeep Singhal Created On: 07/31/98 06:01:05 PM
	Last Modified By: Binh Q Nguyen Last Modified On: 08/05/98 02:42:59 PM
	*** IBM Confidential ***

Required fields are marked with the asterisk (*) and must be filled in to complete the form.

Summary

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Status	Under Evaluation
Processing Location	RSW
Functional Area	Dennis King/Web Solutions
Attorney/Patent Professional	Bruce Clay/Raleigh/IBM
IDT Team	Mark Lumsden/Raleigh/IBM; Art Francis/Raleigh/IBM; David Kuehr-Mclaren/Raleigh/IBM; Richard Gray/Raleigh/IBM; Chris Gage/Raleigh/IBM; David Lection/Raleigh/IBM; Steven Miller/Raleigh/IBM; Allan K Edwards/Raleigh/IBM; Sandeep Singhal/Raleigh/IBM
Submitted Date	08/04/98 11:46:22 AM
Owning Division	
PVT Score	To calculate a PVT score, use the 'Calculate PVT' button.

OCT 30 2002

Technology Center 2100

Inventors with Lotus Notes ID's

Inventors: Binh Q Nguyen/Raleigh/IBM, Sandeep Singhal/Raleigh/IBM

Inventor Name > denotes primary contact	Inventor Serial	Div/Dept	Manager Serial	Manager Name
> Nguyen, B.Q. (Binh) Singhal, Sandeep K.	463527 079777	76/F5EA 10/HDFB	662462 384882	Hartrick, Thomas V. (Tom) Gopal, Ajei S.

Inventors without Lotus Notes ID's

IDT Selection

Main Idea

*Title of disclosure (in English)

Method and System for Logging Dynamically Inserted Information for Web Usage Analysis

*Idea of disclosure

Problem Solved or Discovery Made by this invention

In a Web server environment, Web pages are composed dynamically during run-time. Information such as advertisements, summaries of articles, headlines, and links are routinely inserted into Web pages by a CGI or servlets. The pieces of information may be stored in database or on file system.

The current Web servers have no capability to log information about dynamic contents, only request records logged. There is a need to collect information about which pieces of information were viewed by each user. This information enables effective monitoring of the efficacy of information delivery and content personalization, allowing an administrator to change their placement, change their rates, etc. as appropriate based on the Usage Analysis.

Solution (a description of "the invention", including figures inline as appropriate)

All dynamically insertable pieces of information are tagged with an unique identifier. This process may be accomplished by the MD5 algorithm. The information and its associated identifier are stored together.

When a piece of information (advertisements, articles, headlines, etc.) is selected to be included in the response page, its associated identifier is deposited into the provided Response Buffer. The Logging Facility collects the Response Buffer at the time the Web page is sent to the client and records the identifiers together with the request record into the log file.

Advantages and Benefits of this solution
None known

Implementation
WebSphere Site Analysis, GA 3/1999

***Critical Questions (Questions 1 - 7 must be answered)**

***Question 1**

On what date was the invention workable? 06/07/98 Please format the date as MM/DD/YYYY
(Workable means i.e. when you know that your design will solve the problem)

***Question 2**

Is there any planned or actual publication or disclosure of your invention to anyone outside IBM?

☐ Yes
☒ No

If yes, Enter the name of each publication or patent and the date published below.

Publication/Patent:

Date Published or Issued:

Are you aware of any publications, products or patents that relate to this invention? /

☐ Yes
☒ No

If yes, Enter the name of each publication or patent and the date published below.

Publication/Patent:

Date Published or Issued:

***Question 3**

Has the subject matter of the invention or a product incorporating the invention been sold, used internally in manufacturing, announced for sale, or included in a proposal?

☒ Yes
☐ No

Is a sale, use in manufacturing, product announcement, or proposal planned?

☒ Yes
☐ No

If Yes, identify the product if known and indicate the date or planned date of sale, announcements, or proposal and to whom the sale, announcement or proposal has been or will be made.

Product: WebSphere Site Analysis

Version/Release: 2.0

Code Name: Hurricane

Date: 03/30/1999

To Whom: General Availability

If more than one, use cut and paste and append as necessary in the field provided.

***Question 4**

Was the subject matter of your invention or a product incorporating your invention used in public, e.g., outside IBM or in the presence of non-IBMers?

☐ Yes
☒ No

If yes, give a date. Please format the date as MM/DD/YYYY.

*Question 5 Have you ever discussed your invention with others not employed at IBM?	<input type="radio"/> Yes <input checked="" type="radio"/> No
If yes, identify individuals and date discussed. Fill in the text area with the following information, the names of the individuals, the employer, date discussed, under CDA, and CDA #.	

*Question 6 Was the invention, in any way, started or developed under a government contract or project?	<input type="radio"/> Yes <input checked="" type="radio"/> No <input type="radio"/> Not sure
If Yes, enter the contract number:	

*Question 7 Was the invention made in the course of any alliance, joint development or other contract activities?	<input type="radio"/> Yes <input checked="" type="radio"/> No <input type="radio"/> Not Sure
If Yes, enter the following :Name of Alliance, Contractor or Joint Developer	
Contract ID number	
Relationship contact name	
Relationship contact E-mail	
Relationship contact phone	

Question 8 Have you submitted, or are you aware of, any related disclosure submission?	<input type="radio"/> Yes <input checked="" type="radio"/> No
If Yes, please provide the title and docket or disclosure number below:	

Question 9 What type of companies do you expect to compete with inventions of this type? <i>Check all that apply.</i>
<input checked="" type="checkbox"/> Manufacturers of enterprise servers <input checked="" type="checkbox"/> Manufacturers of entry servers <input type="checkbox"/> Manufacturers of workstations <input type="checkbox"/> Manufacturers of PC's <input type="checkbox"/> Non-computer manufacturers <input type="checkbox"/> Developers of operating systems <input checked="" type="checkbox"/> Developers of networking software <input checked="" type="checkbox"/> Developers of application software <input checked="" type="checkbox"/> Integrated solution providers <input checked="" type="checkbox"/> Service providers <input type="checkbox"/> Other (Please specify below)

Patent Value Tool (Optional - this may be used by the inventor and attorney to assist with the evaluation of the Post Disclosure Text & Drawings)